

Serial No. 10/501,725
Atty. Doc. No. 2002P02987WOUS

Amendments To The Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any canceled claims at a later date.

1-5 (canceled)

6. (currently amended) A diagnostics system configured to access and diagnose a plurality of remote stationary power stations, comprising:

~~a remote~~ an acquisition unit remote from at least one of the stationary power stations for collecting measurement data detected by sensors in the power stations;

~~a local~~ diagnostics unit connected to the acquisition unit for classification of operating states of the power stations that are represented by the measurement data;

a memory unit connected to the acquisition unit and the ~~local~~ diagnostics unit and the measurement data is centrally stored in the memory unit; and

a server unit connected to the memory unit that generates machine-readable data based on an HTML language.

7. (previously presented) The diagnostics system as claimed in claim 6, wherein portions of the machine-readable data are generated while a connection is established to the server unit of the diagnostics system by at least one client computer via a communications link by an Internet browser installed on the client computer and the parts of the machine-readable data are requested by the client computer.

8. (previously presented) The diagnostics system as claimed in claim 7, wherein the machine-readable data is transferred from the server unit to the client computer by the TCP/IP protocol via the communications link that includes an intranet and/or the Internet.

9. (previously presented) The diagnostics system as claimed in claim 6, wherein a dynamic operating and/or monitoring interface of the diagnostics system is formed by the machine-readable data.

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10. (previously presented) The diagnostics system as claimed in claim 6, wherein the machine-readable data comprise HTML pages that are stored as pre-prepared, static data in a memory unit of the diagnostics system and are generated dynamically by the server unit by combining a page generation code and at least part of the measurement data stored in the memory unit.

11. (previously presented) The diagnostics system as claimed in claim 6, wherein the machine-readable data comprise HTML pages that are stored as pre-prepared, static data in a memory unit of the diagnostics system or generated dynamically by the server unit by combining a page generation code and at least part of the measurement data stored in the memory unit.

12. (currently amended) A virtual diagnostics system configured to access and diagnose a plurality of remote stationary power stations, comprising:

a server ~~application for~~ at each power station for transferring collected measurement data via an internet;

a memory unit comprising an acquisition unit and a server unit; ~~and connected to the internet and receives~~ receiving the collected measurement data via the internet from each power station ~~server, and saving at least some of the collected measurement data;~~

a diagnostics unit comprising a server unit receiving the collected measurement data via the internet for classification of the measurement data ~~and connected to the internet;~~ and

a client computer ~~having~~ comprising an internet browser ~~installed, having and~~ a communication link to the internet, and able to link to the memory server unit,

wherein the measurement data saved in the memory unit can be retrieved by the client computer.

13. (currently amended) The virtual diagnostics system as claimed in claim 12, wherein the measurement data is transferred in the form of dynamically generated HTML pages.

14. (cancelled)

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15. (currently amended) The virtual diagnostics system as claimed in claim 12, wherein the measurement data from at least one of the power stations is transferred to the memory unit if there has been a change in an operating state of a power station concerned.

16. (previously presented) The virtual diagnostics system as claimed in claim 12, wherein machine readable data based on the HTML language is generated by the server unit so the measurement data saved in the memory unit can be transferred as HTML pages via the internet.

17. (cancelled)